METHODS AND APPARATUS FOR CONTINUATION-PASSING IN A VIRTUAL MACHINE

ABSTRACT

[0070]   Methods and apparatus for continuation passing in a virtual machine (VM). A method is provided for operating a virtual machine to provide continuation passing in a wireless device. The virtual machine comprises a stack memory. The method comprises encountering a context-creating trigger, constructing a continuation block in response to the trigger that comprises a stack fragment derived from the stack memory, encountering an evaluation instruction, and storing the stack fragment from the continuation block on the stack memory in response to the evaluation instruction.